

PATENT

Attorney Docket No.: 06056-0272RE1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

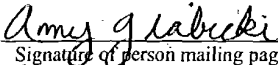
In re : Reissue patent application of E. Premkumar Reddy *et al.* : U.S. Pat. No.:
: 6,376,519
Serial No.: Not Yet Assigned : Issued:
: April 23, 2002
Filed: Herewith : Group Art Unit:
: Not Yet Assigned
For: 1-(4-SULFAMYLARYL)-3-SUBSTITUTED-5- : Examiner:
ARYL-2-PYRAZOLINES AND INHIBITORS OF : Not Yet Assigned
CYCLOOXYGENASE-2

INFORMATION DISCLOSURE STATEMENT

Mail Stop Reissue
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98,
submitted herewith are copies of the references listed in the accompanying Form PTO-
1449.

<p align="center">CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.10</p> <p>EXPRESS MAIL Mailing Label Number: EL 932735453 US Date of Deposit: July 29, 2003</p> <p>I hereby certify that this correspondence, along with any paper referred to as being attached or enclosed, and/or fee, is being deposited with the United States Postal Service, "EXPRESS MAIL-POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10, on the date indicated above, and addressed to: Mail Stop Reissue, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p align="right"> _____ Signature of person mailing page: Amy Glabicki _____ Type or print name of person</p>
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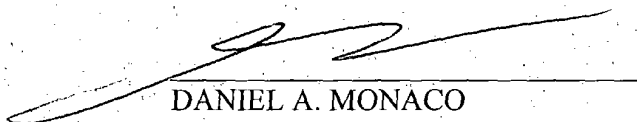
The relevance of Bellotti, A., *Ann. Chim.* (Rome), Vol 50, 1960, pp. 1074-79, which is in Italian, is as follows. Pyrazoline compounds are disclosed, including the compound 5-(2'-furyl)-3-methyl-1-(4'-sulfamylphenyl)-2-pyrazoline, *i.e.* a pyrazoline substituted at the 1-position by 4-sulfamylphenyl, at the 3-position by methyl, and at the 5-position by unsubstituted furan. Bellotti also discloses antituberculosis activity of the described pyrazolines compounds, and a synthetic procedure for preparation of 5-(2'-furyl)-3-methyl-1-(4'-sulfamylphenyl)-2-pyrazoline from 4-sulfamylphenylhydrazone and 2-formylfuran. The Chemical Abstract of the Bellotti reference is attached to the Italian text.

The Examiner is respectfully requested to review the items listed on the attached Form PTO-1449 and make them of record in the instant application as required by M.P.E.P. §609. It is requested that the Examiner initial the enclosed duplicate substitute Form PTO-1449, and return one copy to the undersigned.

This Information Disclosure Statement should not be construed as a representation that the cited references are material or that more relevant prior art does not exist.

Respectfully submitted,

E. PREMKUMAR REDDY, et al.



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APPLICANT:
E. Premkumar Reddy, et al.FILING DATE
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	AA	2,640,056	05/53	Kendall et al.	548	379.7	
	AB	2,740,793	04/56	Kendall et al.	548	379.7	
	AC	3,836,523	09/74	Turner	540	534	
	AD	3,865,816	02/75	Mengler	548	379.7	
	AE	3,980,795	09/76	Gante et al.	514	404	
	AF	4,045,571	08/77	Möller et al.	514	404	
	AG	4,407,803	10/83	Haviv et al.	514	312	
	AH	4,447,442	05/84	Dusza et al.	514	404	
	AI	4,448,973	05/84	Dusza et al.	548	371.4	
	AJ	4,968,687	11/90	Findeisen et al.	514	269	
	AK	5,134,148	07/92	Crawley et al.	514	312	
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	AP	5,700,816	12/97	Isakson et al.	514	326	
	AQ	5,756,529	05/98	Isakson et al.	514	406	
	AR	5,908,852	06/99	Talley et al.	514	340	
	AS	5,972,986	10/99	Seibert et al.	514	406	
	AT	6,025,353	02/00	Masferrer et al.	514	210.02	

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							YES	NO
	AU	WO 98/56377	12/98	PCT				
	AV	WO 99/62884	12/99	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AW	Cuberes-Altisent et al., "Diarylpyrazoles as Inhibitors of Cyclooxygenase-2", Database CAS online on STN (Columbus, Ohio) AN 199:78401, Doc No. 132:12302, WO 99/62884, 99/12/09.
AX	H.M. Faidallah et al., "Trisubstituted Pyrazoles of Possible Hypoglycemic Activity", <u>Pak. j. sci. ind. res.</u> , vol 35, nos. 1-2, January-February 1992, pp. 8-13.
AY	Makki et al., <u>Chemical Abstracts</u> , 121:134017, 1994.
AZ	M. M. El Sadek et al., "Synthesis and Spectral Studies of Some New Pyrazolines and Pyrazoles", <u>Egypt. J. Chem.</u> , 38, No. 4, pp. 403-418 (1995).
BA	Thomas D. Penning et al., "Synthesis and Biological Evaluation of the 1,5-Diarylpyrazole Class of Cyclooxygenase-2 Inhibitors: Identification of 4-[5-(4-Methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide (SC-58635, Celecoxib)", <u>J. Med. Chem.</u> 1997, 40, 1347-1365.
BB	Hassan M. Feid-Allah et al., "Trisubstituted Pyrazoles of Possible Antidiabetic and Antibacterial Activity", <u>Pharmazie</u> 36, H. 11 (1981), pp. 754-756.
BC	Hassan M. Faid-Allah, et al., "Pyrazole Derivatives with Possible Hypoglycemic Activity", <u>Indian Journal of Chemistry</u> , Vol. 27B March 1998, pp. 245-249.
BD	Raafat Soliman et al., "Preparation and Antidiabetic Activity of New Substituted 3,5-Diarylpyrazolesulfonylurea Derivatives II: Structure-Activity Relationship", <u>Journal of Pharmaceutical Sciences</u> , Vol. 76, No. 8, August 1997, pp. 626-632.
BE	Salem A. Basail et al., "Synthesis and Biological Activity of New Pyrazolines and Pyrazoles", <u>Indian Journal of Heterocyclic Chemistry</u> , Vol. 6, July-Sept. 1996, pp. 53-58.
BF	Hassan M. Mokhtar, "Synthesis of Trisubstituted Pyrazoles with Possible Antimicrobial Activity", <u>Pakistan J. Sci. Ind. Res.</u> , Vol. 28, No. 1, April 1985, pp. 85-91.
BG	Atonio Bellotti, "Ricerche nella serie pirazolinica. - Nota 1, Sintesi di alcune 5-(2-furil)-pirazoline", <u>Ann. Chim. (Rome)</u> , Vol 50, 1960, pp. 1074-1083.

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